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Our Case No. 9281-4591  
Client Reference No. N US03512

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Naoya Hasegawa )  
Serial No. To Be Assigned )  
Filing Date: Herewith )  
For: Tunneling Magnetoresistive Element and )  
Method of Manufacturing the Same )

**PRELIMINARY AMENDMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sir:

Prior to examination of the above-identified application, please amend the application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 6 of this paper.

**Remarks** begin on page 14 of this paper.